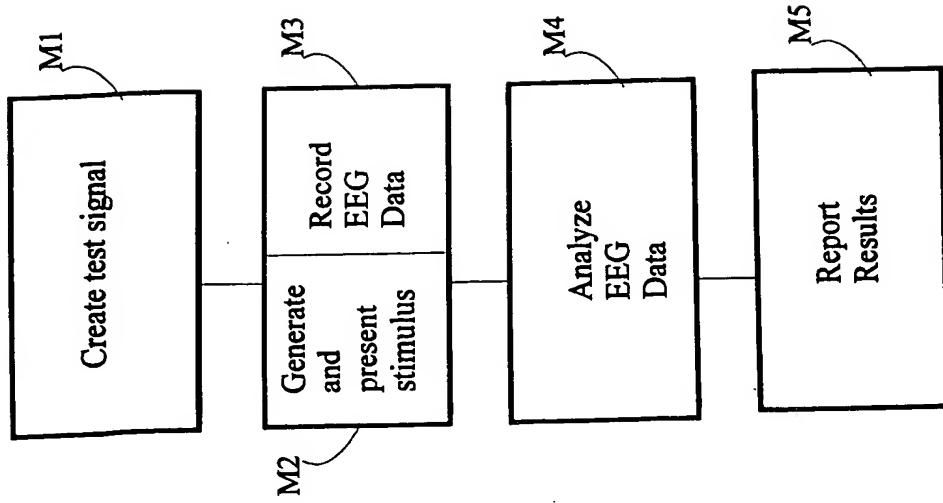


**FIGURE 1a**



**FIGURE 1b**

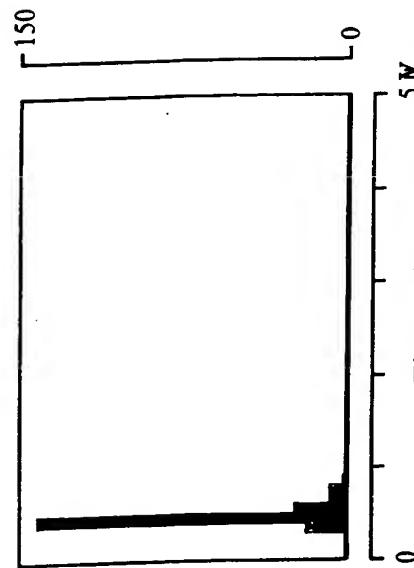


Figure 2a

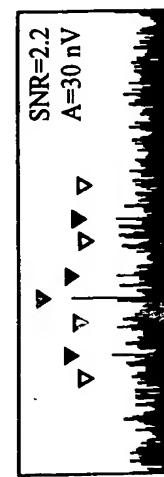


Figure 2b

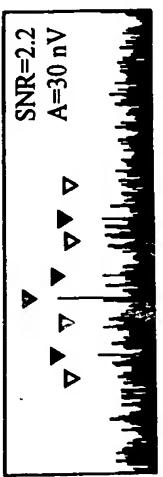


Figure 2c

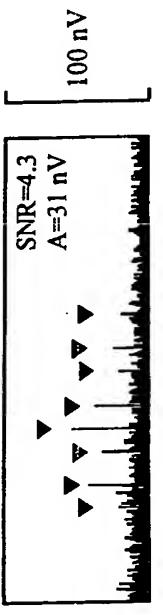


Figure 2d

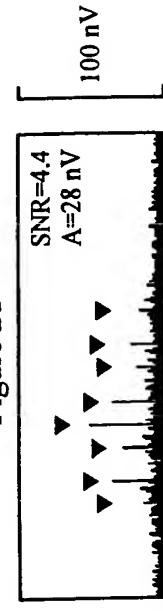


Figure 2e

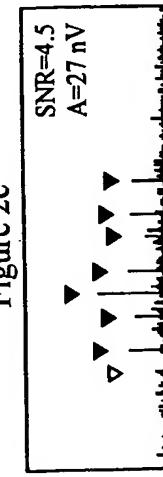


Figure 2f

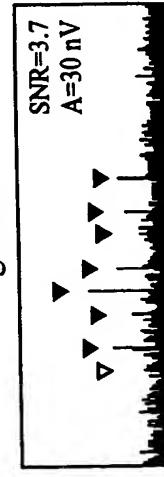
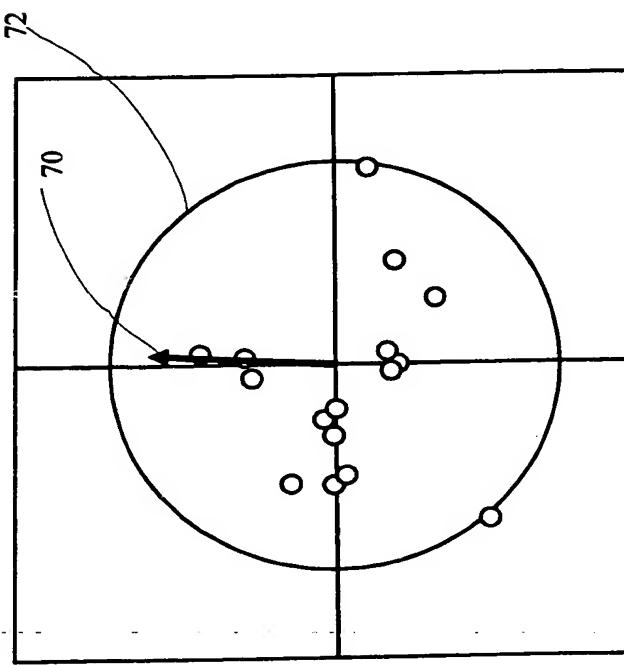


Figure 2g



Figure 2h

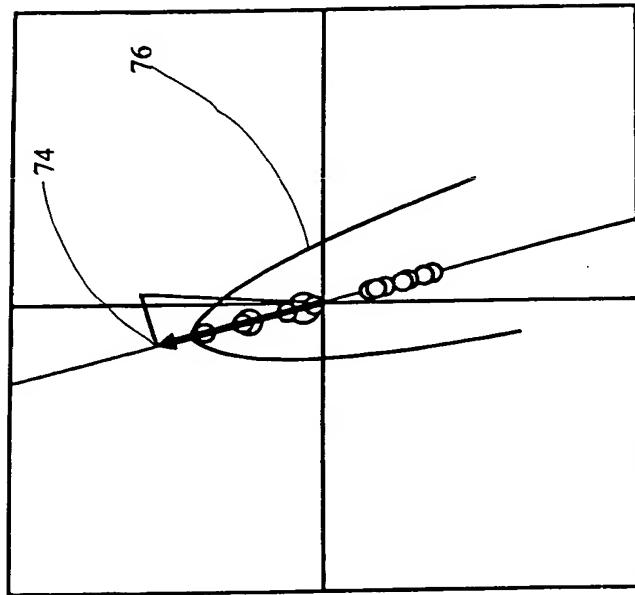
$F=2.19$ ; df 2,32;  $p=0.13$   
actual phase = 87 degrees



-100 0 100 -100 0 100 nV

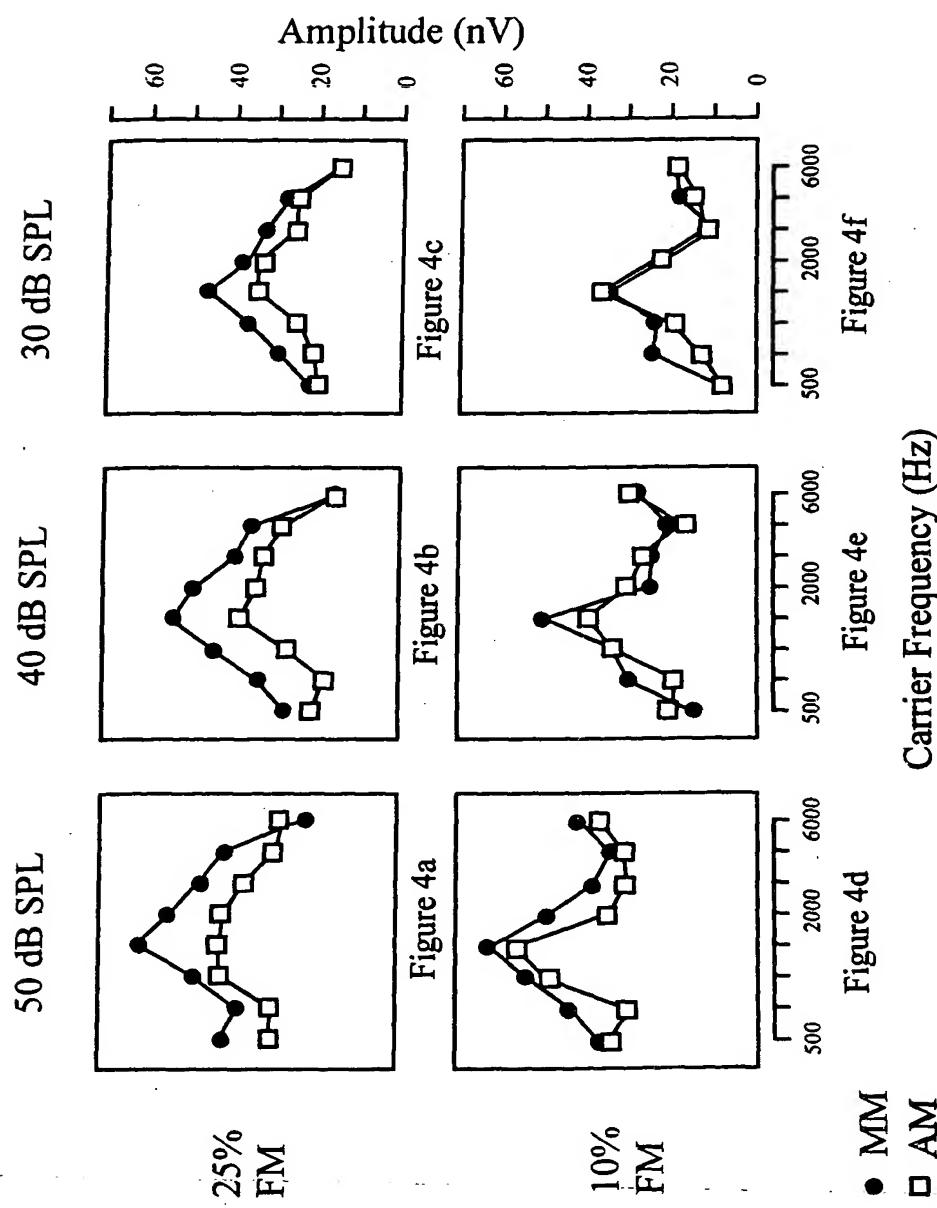
**FIG 3a**

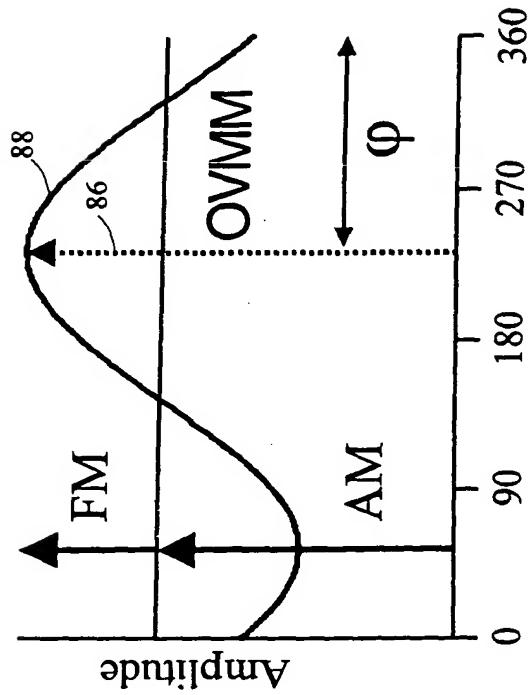
$t=2.29$ ; df 15;  $p=0.02$   
expected phase = 104 degrees



100 nV

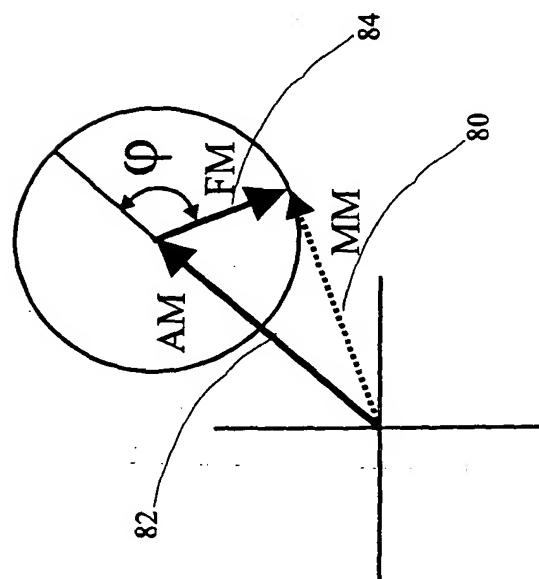
**FIG 3b**





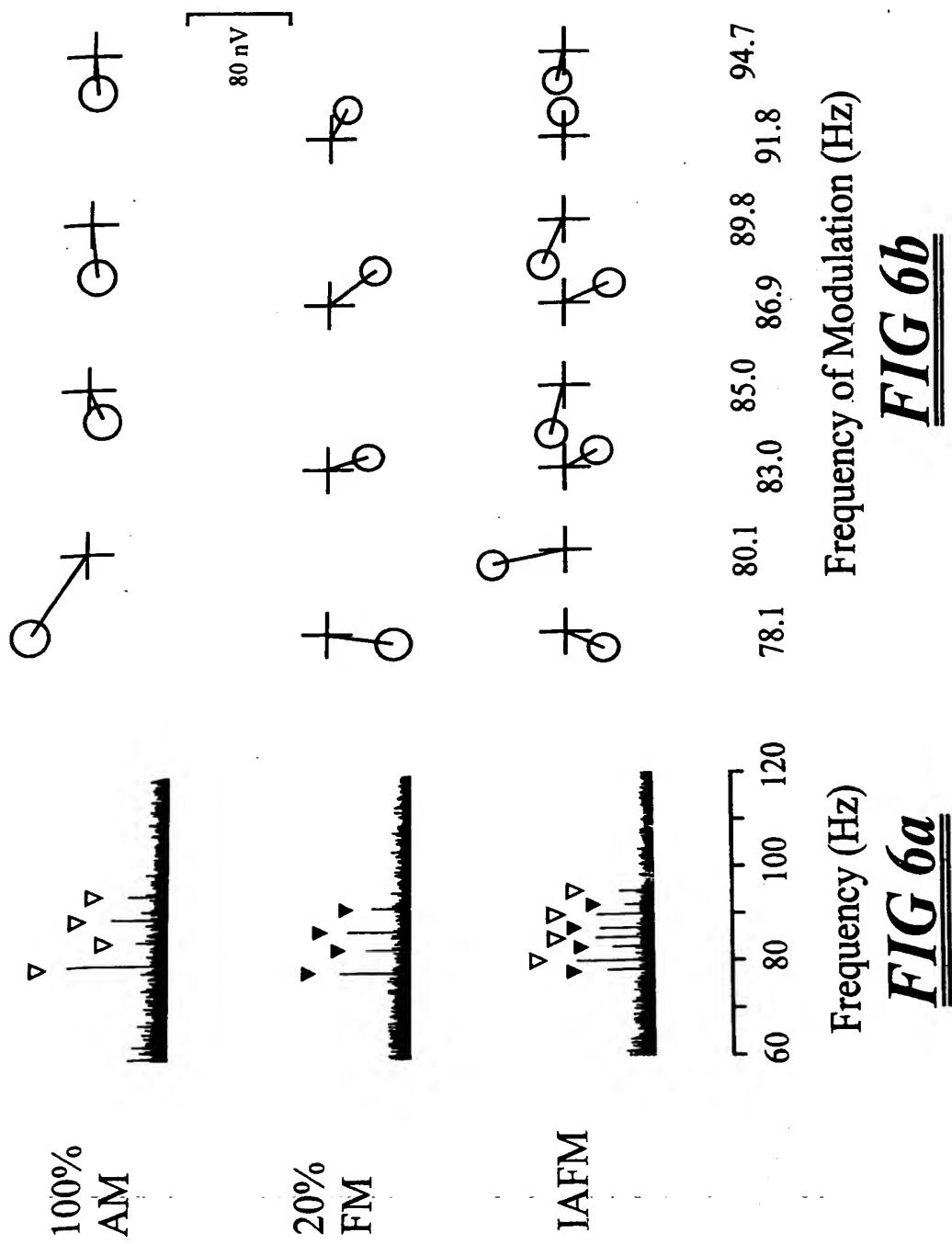
Relative Phase between AM and FM

**FIG 5b**



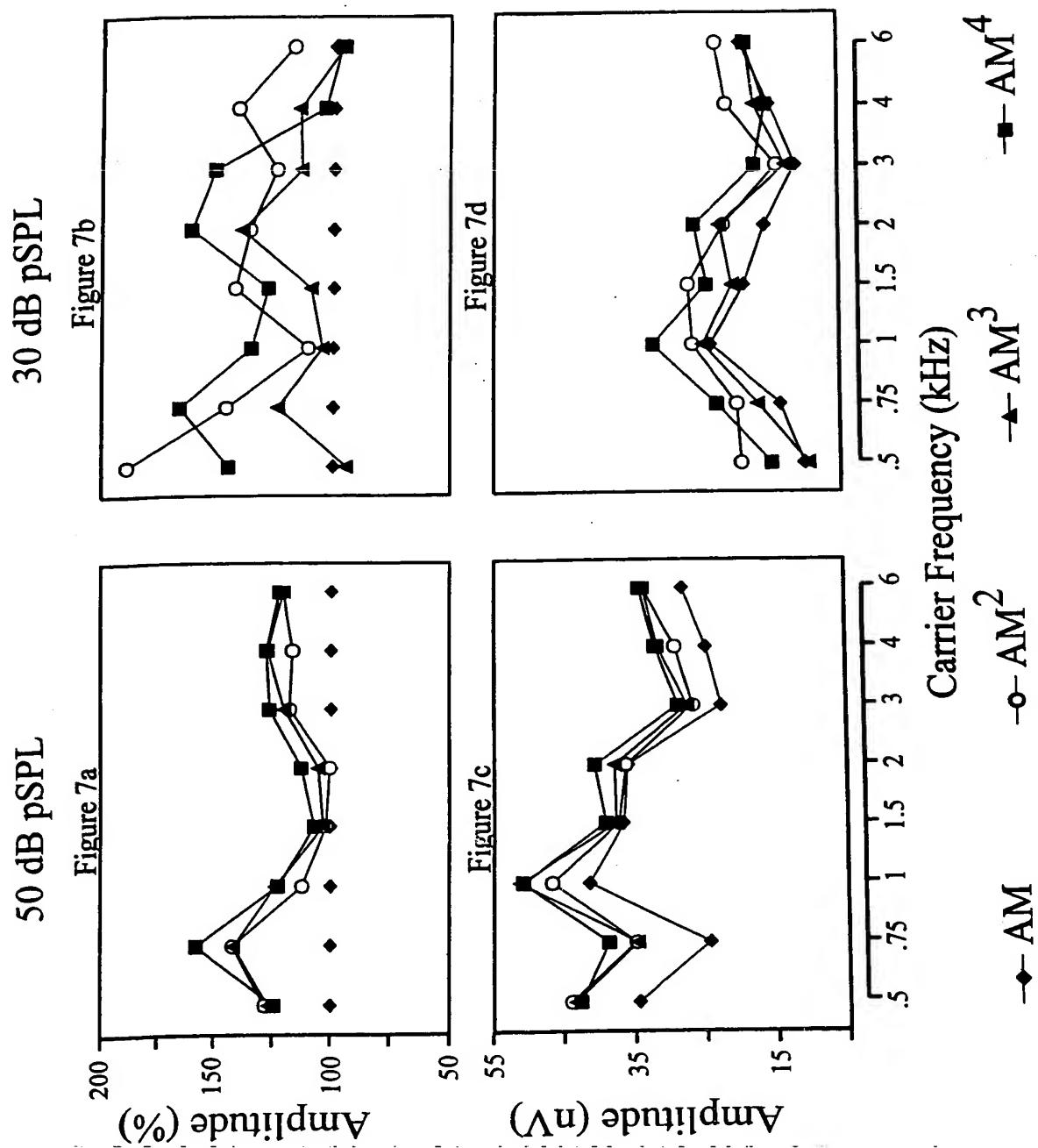
**FIG 5a**

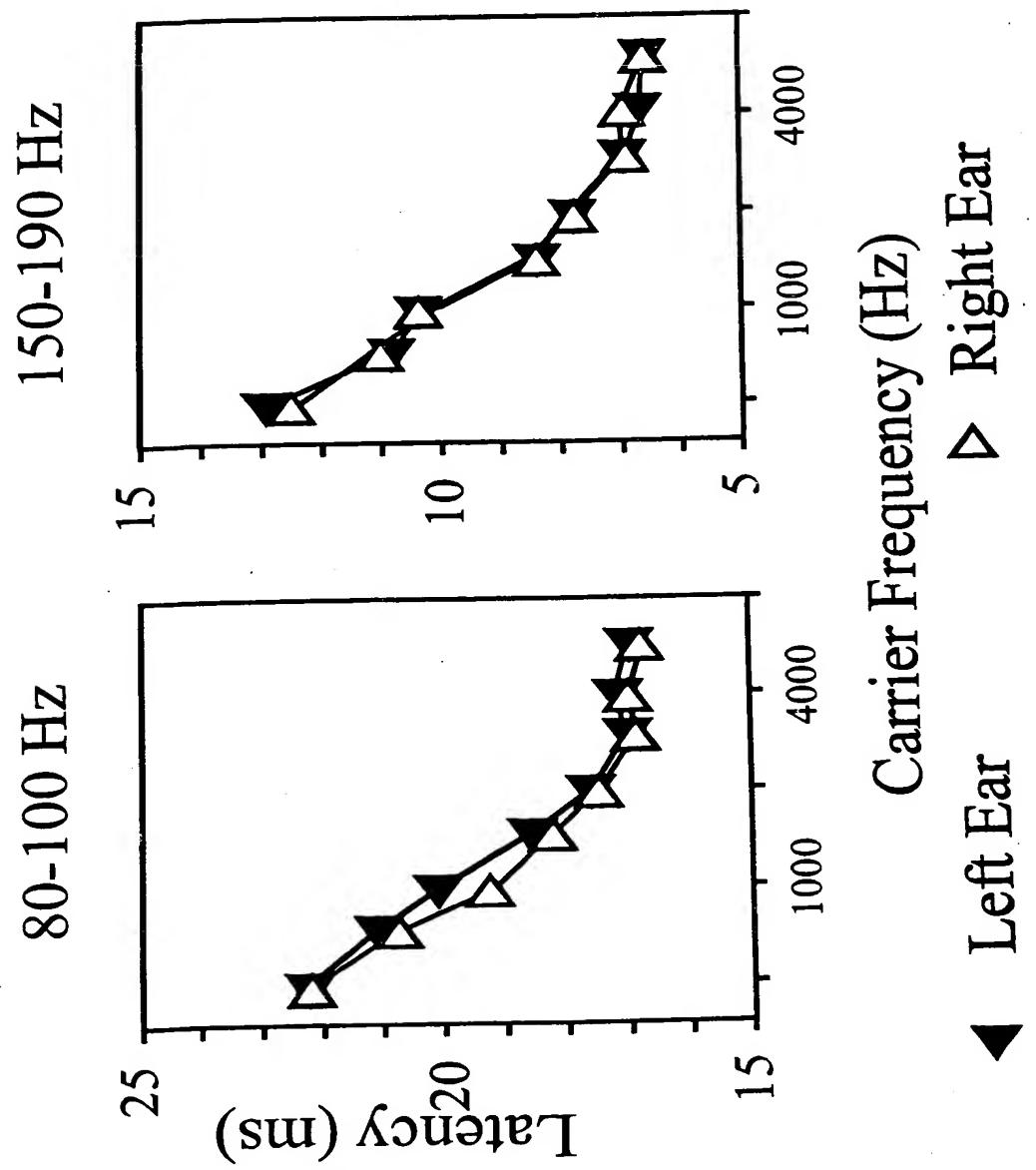
Spectrum      Polar Plots



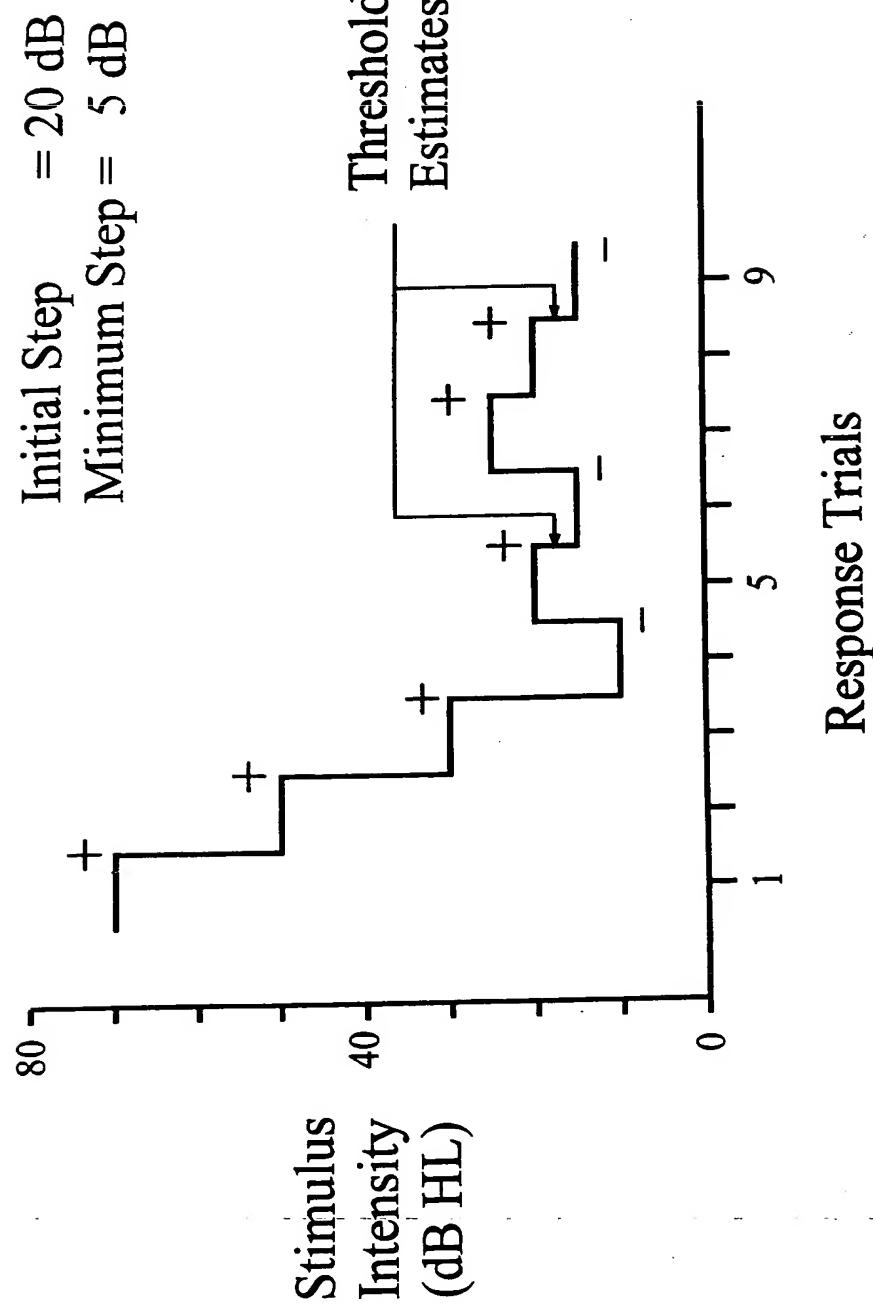
**FIG 6b**

**FIG 6a**

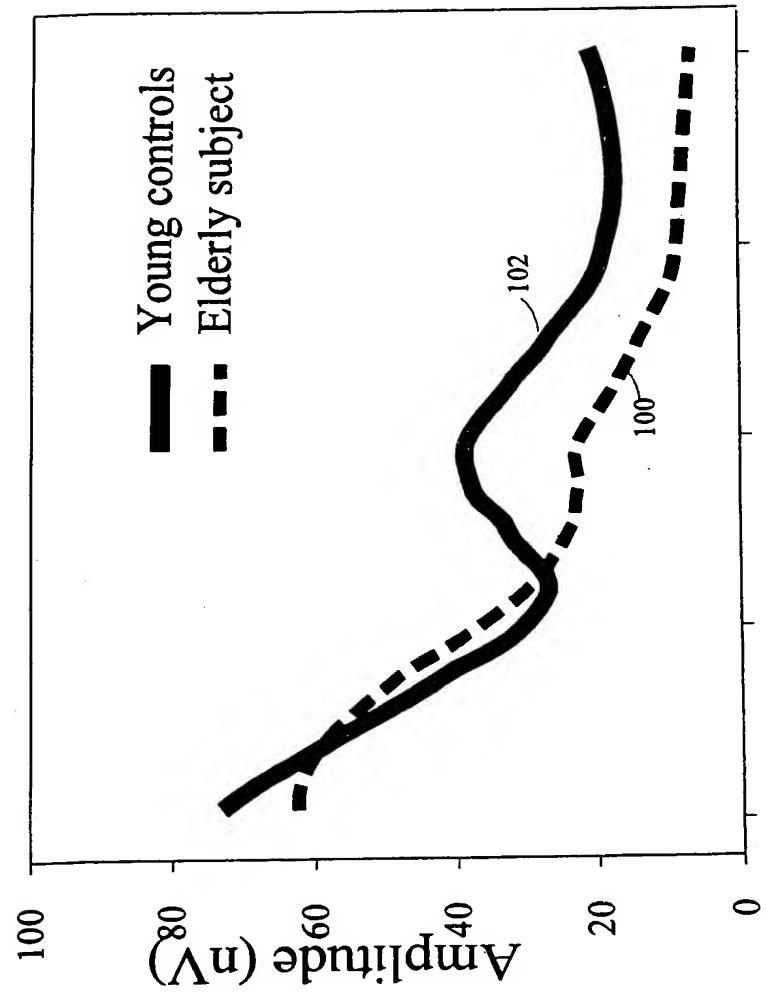




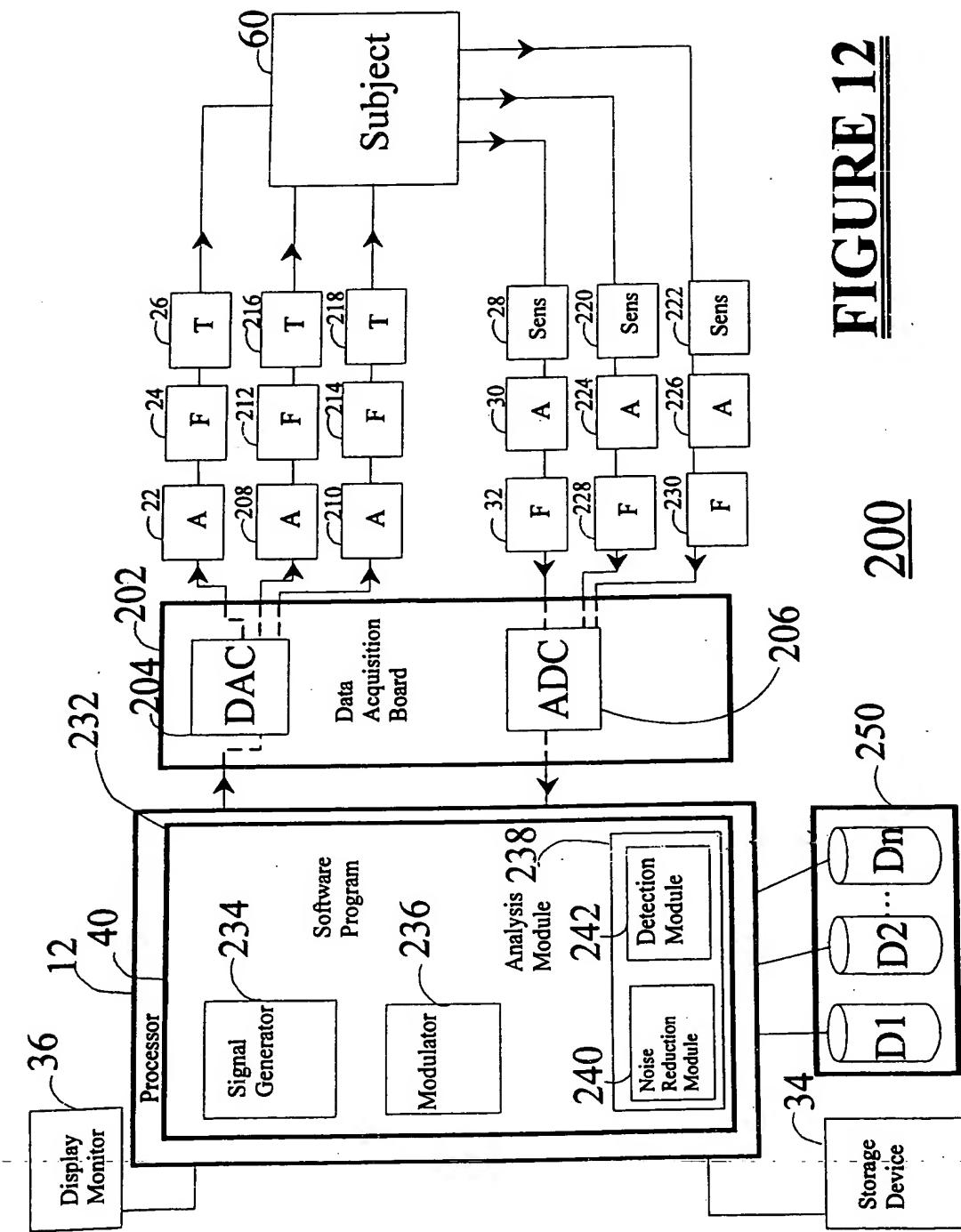
**FIG 8**



**FIG 11**

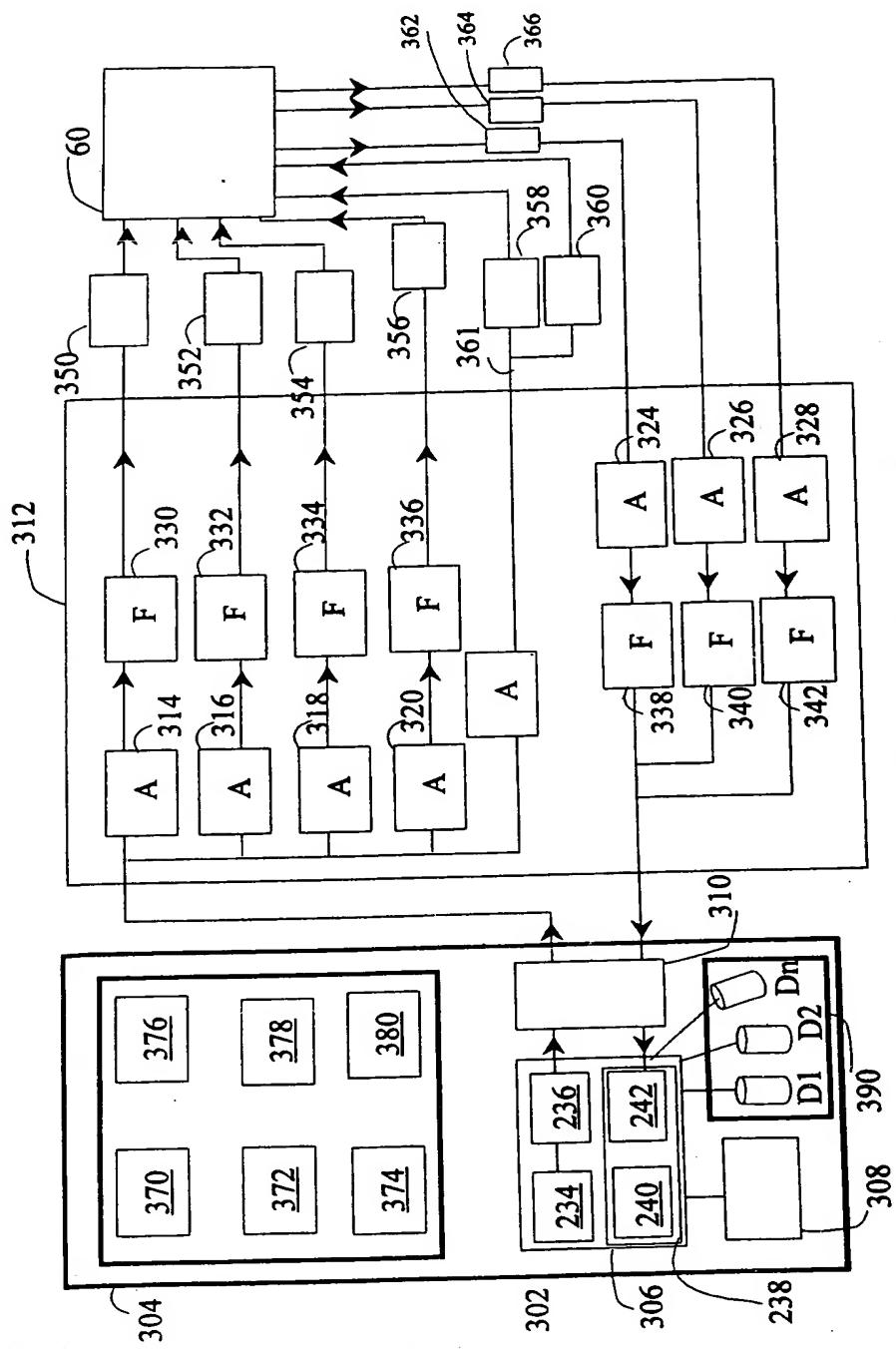


Modulation Frequency (Hz) **FIG 10**



**FIGURE 12**

300



**FIGURE 13**